

#### JACKSON & CO. =

#### Hatters and Furriers...

Sole Agents in Boston for the celebrated ...

DUNLAP & CO.'S NEW YORK HATS.

Also, a full line of our own styles.

Canes, Silk Umbrellas,

126 TREMONT STREET, Opposite Park Street Church,

WILLIAM H. HOLLOWAY.

BOSTON.

## OAK GROVE CREAMERY COMPANY, DAIRY LUNCH ROOM,

445 BOYLSTON STREET, COR. BERKELEY, opp. Y. M. C. A. Building,

Where can be had Sandwiches of all kinds, Soups, Tea, Coffee, and regular Dairy Lunch.

#### EVERYTHING FIRST CLASS.

Pure, Fresh-churned Butter, in Quarter-pound Prints, 5 and 10 Pound Boxes. Pure, Fresh Milk and Cream, delivered in Glass Jars. Fresh-laid Eggs. Pure, Full Cream Cheese, American (plain), Sage, Neufchatel and Edam. All kinds of Fruit Ices.

NELSON L. MARTIN.

#### C. F. HOVEY & CO.,

FULL LINES OF

#### Gentlemen's Furnishing Goods.

Fine Custom-Made Shirts a Specialty.

No. 33 Summer St., and 42 Avon St., BOSTON.



## HIBBARD & MASON

(INCORPORATED)

## Tailors, MUSIC HALL PLACE,

Telephone 579.

Off WINTER STREET,

BOSTON.

SUITINGS from \$30 Upwards.

OUR SPRING STYLES HAVE ALL ARRIVED,

## ONLY ONE OUNCE.

An imported Bicycle and Knockabout Hat, in all shades, weighing only ONE OUNCE.

Mailed on receipt of price, \$1.00.

#### Oak Hall Clothing Co.,

95 to 105 Washington St., BOSTON, MASS.

## RICHMOND STRAIGHT CUT

 $10^{\rm s}$ 

IN TIN BOXES

are more desirable than ever the new tin box prevents their breaking and is convenient to carry in any pocket.

For Sale Everywhere.

## Shoes\_\_\_\_

ALL THE POPULAR SHAPES FOR YOUNG MEN IN



Black,
Tan and
Patent
Leather.

OVERSHOES OF ALL KINDS.

Prices Reasonable.

Discount to Students of Technology.

T. E. Moseley & Co., 469 Washington Street.

# Eastern Teachers' Agency.

E. F. FOSTER, MANAGER,

50 BROMFIELD STREET,

BOSTON, MASS.

TELEPHONE, BOSTON 775-2.

#### CARL J. HORNER,



## The Photographer

11 Winter Street, Boston.

Elevator to Studio.

Highest Grade Work at Moderate Prices.

Special Rates to Tech Students.

Senior Class Photographer to Wellesley College; Tufts College; Boston University; Andover Seminary; Mass. College of Pharmacy; Boston Dental College; Boston English High School; and many other schools and Colleges.



## The Bacon Shoe

Style, usefulness and durability—the three are combined in one in the Patent Leather Bacon Shoe on Bull Dog last. And, too, the Patent Leather

#### Won't Crack.

We prove this fact in the only honest way—a new pair if it does. A printed guarantee goes with every pair we sell. Economical students can save money by buying the "Bacon Shoe."

F. V. Chipman & Co., \$4
290 Washington St.
83 Bedford St.

#### DR. EDWARD J. PALMER,

DENTIST,

120 Tremont Street, Boston.

Opposite Park St. Subway.

#### PANELLA & CORREALE.

Shoemakers.

Shoes Shined

Price List for Repairs: Gents' taps, handsewed, \$1.00; taps, nailed, 75c.; heels, 20c.

469 Columbus Ave.

#### VAUGHN'S POPULAR CANDY STORE

29 Tremont Street, opp. Museum.

Fine Home-made Candies a specialty. Popular prices.

#### R. BURLEN.

Book and Pamphlet Binder,

Edition and College Work a Specialty.

50 Arch Street, Boston.

#### Columbia Tailoring Rooms,

I. SHEINWALD, Manager.

Ladies' and Gents' Fine Tailoring.

Dress Suits To Let.

Fancy Dyeing and Cleansing.

Goods called for and delivered free.

597½ TREMONT ST., BOSTON.

#### ALBERT BENARI, Tobacconist,

33 TREMONT STREET, BOSTON, MASS.

Agent for the Bohemian Mixture.

FINE LINE OF FRENCH BRIAR PIPES ALWAYS ON HAND.

#### S. SIMONS.

We carry Shoes made by all the leading manufacturers. Lowest Prices. Repairing neatly done.

46 Charles St, Boston, Mass.

#### Massachusetts Qafe.

ORDER COOKING AT ALL HOURS.

Fine line of Qonfeetionery.

Hampden Fruit-Flavored Ice Qream.

Fruit of all kinds.

Choice Line of Cigars.

Open from 7 A. M. till 12 P. M.

#### G. MUGAR & COMPANY.

No. 587 Massachusetts Avenue, cor. Shawmut.



#### PHOTOGRAPHERS AND ARTISTS.

Making a Specialty of College and Class Work.

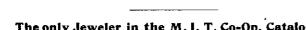
146 TREMONT STREET, BOSTON.

#### A. S. ADAMS,

Maker of the Official

M. I. T. PIN,

#### No. 8 WINTER ST., BOSTON.



The only Jeweler in the M. I. T. Co-Op. Catalogue.

Members wearing this Pin will be allowed 10 per cent discount on all purchases.

#### STUDENTS' SUPPLIES.

Writing Paper and Envelopes with TECH. Monogram and Imprint.

#### PERIODICALS AND MAGAZINES.

LAUNDRY AGENCY. Superior quality of Work. We call for and deliver goods.

#### SOUTHWELL'S,

Corner Dartmouth Street and Columbus Avenue.

#### BOSTON UNIVERSITY SCHOOL OF MEDICINE.

0 0 0

Large teaching force, including specialists. Advanced and thorough methods of instruction. High standards. A broad and comprehensive curriculum. Exceptional laboratory and clinical facilities; upwards of 20,000 hospital and dispensary patients being annually available for purposes of clinical instruction.

For information and circular, apply to

J. P. SUTHERLAND, M.D., Registrar,

295 Commonwealth Avenue,

Boston, Mass.



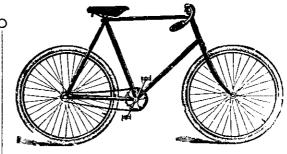
#### Golf Goods.

Have taken the Agency for the celebrated D. Anderson & Sons, St. Andrews, Scotland, make of clubs, with the Texa Shaft and unbreakable head. These are used by professionals, as by the Texa Shaft the longest drives are obtained. Also, Fergie, Hutchison, Auchterionie, Crosswaite, and others.

Henley & Melfort Balls, Caddy Bags, etc.

SPECIAL RATES TO CLUBS.

Fine Rods and Fishing Tackle, Camp Outfits, Tents, Rubber O Blankets, Tourist Knapsacks, Yacht Guns, Lyle Life Saving Guns, Sportsmen's Outfits, Military Supplies, etc.



1899 Model Bicycles

WM. READ & SONS, 107 Washington Street.



Shirts to Measure Our Specialty.

ALWAYS ON HAND:

DRESS SHIRTS, COLLARS and CUFFS.

Newest Effects In

Neckwear, Gloves, Hosiery, Pajamas.

SPECIAL LINES OF

Underwear, Golf Hose, Umbrellas and Mackintoshes.



THE LARGEST ASSORTMENT OF FOREIGN WOOLLENS SHOWN IN BOSTON CO-OPERATIVE.

## THE TECH

VOL. XVIII.

BOSTON, MARCH 23, 1899.

No. 21

#### THE TECH

l'ublished every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

MORGAN BARNEY, 1900, Editor in Chief.
STANLEY G. H. FITCH, 1900, Assistant Editor in Chief.
PAUL RAYMOND BROOKS, 1900, Secretary.
CLARENCE RENSHAW, '99.

GUY PRENTISS BURCH, '99. C. W. CORBETT, '99.

PHILIP COOMBS PEARSON, 'or.
I. RAYNE ADAMS, '02.

ELLIS FULLER LAWRENCE, '01,
P. Y. DUNWOODY, '01,
E. TOWNSEND HOWES, '01,

Art Editors.

THEODORE W. BRIGHAM, 1900, Business Manager. A. E. LOMBARD, 1902, Assistant Business Manager.

#### **OFFICE HOURS:**

Editor in Chief, Business Manager, Saturday, 12-1 P.M. Saturday, 12-1 P.M.

For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

Subscription, \$2.50 per year, in advance. Single copies, 10 cts. each.

Entered in Post Office, Boston, Mass., as Second Class Matter.

HE communication from a '99 man, published in last week's issue of The Tech, in which the recent Interscholastic Drill

held by 1902 was attacked, has been replied to this week by several Freshmen, who have defended with considerable spirit the position taken by 1902. A communication from a prominent member of the Sophomore Class, however, expresses even more radical views than did Mr. Stone, and he characterizes the Drill as an "inane institution," and declares that it is "time the upper classes took some decided action" toward stopping such Drills in the future.



Γ now seems certain it will not be long before the Institute will receive, according to the will of the late Edward Austin, Esq., a donation of \$400,000. After the tax of the United States Govern-

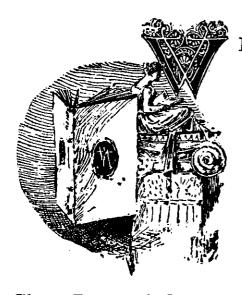
ment of sixty thousand dollars, under the present law is deducted, this will be an equivalent of sixty-eight scholarships, the present number being eighty, making a total of one hundred and forty-eight scholarships at the Institute. This gift is a recognition of the value of the training received at Technology; moreover, recognition by such a donation is a most emphatic tribute to the work of an educational institution. This is also a tribute to the zeal, energy, and enthusiasm of our first President, William Barton Rogers, who was a warm friend of Mr. Austin.



T appears as if a new era had commenced for athletics in the Institute. It started last fall when the Football team made the best record that has been made by an Institute team for

years. The relay team more than kept up the good work, winning two races handily, and in the last one made the fastest time, with the exception of the Harvard team, that has ever been made in the Mechanics Building, and probably in the country. Amherst and Brown now eagerly seek for dual meets with us. And now comes a most generous offer. Everyone knows that a minstrel show is to be held this spring for the benefit of the Track team. A person, who wishes to remain unknown, has voluntarily offered that if the minstrel show be held at the Hollis Street or some other first-

class theatre, the Athletic Association will lose nothing by it. In other words, the person guarantees all expenses. If this enterprise is carried on in the right way, it will mean that we will vie with the Cadets in presenting an amateur performance every year. There is no reason why we cannot give a first-class performance. A great many of the Seniors will remember the minstrel show given by the Athletic Association in their Freshman yearwhat a successful production it was, both financially and artistically. Returning now to the athletic part, even if we do not win at Worcester, it will be nothing to be discouraged over, for we shall know that for the next year we will undoubtedly have money to carry on the season's training in a first-class manner. For the present we have nothing to worry over.



E note without surprise the action of the Senior Class at Harvard in voting to abolish the wearing of the cap and gown during the last two months of the college year, and to reserve this costume solely for

Class Day and Commencement Day. This is a step in the direction of abolishing an ancient and inconvenient garb, although there are loud protests from certain quarters, especially from our contemporary, the *Crimson*, against giving up a custom of such long standing. It is certainly uncomfortable to wear a heavy gown and cap during the two hottest months of the college year, and at any time it is a nuisance. The only argument that can be urged in favor of retaining the cap and gown is one of sentiment, and in these days when practical utility is the standard by which things are judged, sentimental reasons | as he slapped the mosquito.

bear little weight. Further, the custom is not one which has been unanimously observed, and without such observance the wearing of the cap and gown loses its greatest significance.

At Tech. the cap and gown is an unknown quantity, even on Class Day. Situated as we are, it would have been quite out of the question to have worn caps and gowns during the latter part of the year; but on Class Day our conditions are not radically different from those at Harvard. Whenever it has been proposed to introduce the wearing of the cap and gown as a Class-day custom, the proposition has met with extreme disfavor. This latest vote of the Harvard Seniors shows a tendency toward the abolition of the custom, and the total disappearance of the cap and gown does not seem far distant.

#### The Technology Club.

THE following will take place at the Technology Club in the near future: Thursday, March 23d, 8 P. M.—Smoke talk. Charles E. Munroe, Dean of the Columbian University, President of the American Chemical Society, and Government Expert on High Explosives, will speak on "Smokeless Powder." Friday, March 31st, 8 P. M.—"Smokeless" talk. Mr. W. Lyman Underwood (who gave a delightful talk last year at the Club) will speak on "Hunting with a Camera," with stereopticon illustrations. Friday, April 7th, 8 P. M.—Subscription reading and concert for the benefit of the Musical Clubs. Mrs. Erving Winslow will read from Kipling and Barrie, and the Glee, Banjo, and Mandolin Clubs will sing and play.

During "Junior Week" the Club will be open to the Juniors and their friends for the ten days beginning April 17th.

<sup>&</sup>quot;I worked him for a sucker," said the man -Ex.

#### COMMUNICATIONS.

The Editors do not hold themselves responsible for opinions expressed by correspondents.

To the Editors of The Tech:-

There seems to be some misunderstanding among the upper class men in regard to the recent drill held under the auspices of the Class of 1902. No Technology man was entered in the competitive drill, and the battalion took part only in the opening and closing marchings.

For several years it has been the custom at Harvard to offer a trophy for the Interscholastic championship in Tennis; Princeton offers a trophy for the Interscholastic championship in Track Athletics. Why should not Technology offer a trophy for the Interscholastic championship in Military Drill? There can be no doubt but that benefit has accrued to Harvard and Princeton, and already beneficial results are promising for Technology. The principal of the school which won the cup at the last drill writes that St. John's will send six men to the Institute next year.

If, then, such drills influence preparatory school men in favor of the Institute, it is to the true interest of Technology that the Interscholastic drills should be continued.

ALBERT EATON LOMBARD, '02.

TO THE EDITORS OF THE TECH:-

You published in the last number of THE TECH a letter from a member of the Class of '99, criticising and condemning the recent Interscholastic competitive drill held by the Class of 1902. The drill was held under the auspices of the Class of 1902 in the same manner as the B. A. A hold the Interscholastic The members of the high school battalions had nothing whatever to do with the drill of the M. I. T. battalion—acting as ushers or anything else. They simply drilled between themselves. As for its being harmful to the Institute, I claim that it will benefit it, inasmuch as it will tend to raise the standard of drilling at those schools, and thus better prepare the men who enter the Institute for their drill. It is true that the Tech. yell was given with "English High School" on the end; but who gave it? Upper class men, the majority of whom were members of 1901. If the members of 1902 are expected to be well posted in "yell etiquette" in the Institute,

would it not be a good plan for their predecessors to set them a good example?

It seems to me that if we are to condemn and stop all connections with Interscholastic competitions, would it not be advisable to look at the Athletics? The Technology Class teams play the high school teams in football, etc. Is it any worse or more harmful to the Institute to hold an Interscholastic competitive drill, in which Tech. men are simply spectators, than to go on to the football field and compete against those same schools? I say No.

I hope that in the future all our drills will be Intercollegiate. Let us have no competition with high school battalions. I hope, however, that the entering classes of the future will continue to hold the competitive drill for the cup in the same manner and spirit as the Class of 1902 started it.

HENRY ERSKINE STILLINGS, '02.

To the Editors of The Tech:-

In the last TECH Mr. Stone, '99, started a much needed campaign against the absurd institution which the Freshmen have instituted, viz., "Technology's Interscholastic Drill."

Although I agree with Mr. Stone in every particular, yet I think that he is a little hard on the youngest class in the Institute. He should be more lenient, remembering that the Freshmen have just come from the high school, and naturally can't quite decide to break from what was recently so dear to them.

However, this is no reason why the Institute should be saddled with any such inane institution, and it is high time the upper classes took some decided action before the thing goes any further. Strike while the iron's hot.

"1901."

TO THE EDITORS OF THE TECH:-

In the last number of The Tech is a communication from an upper classman to which I wish to reply. Your correspondent criticizes the Class of '02 for having conducted an interscholastic drill. If, as the writer of that letter implies, it is harmful for Technology to have anything to do with the "Prep." schools, let us see what other offenders there are besides the Freshmen.

Our 'Varsity Football team must, under these conditions, be doing great harm to the Institute, for, worse than patronizing "Prep." schools, they have competed with them, and even thought it not endless

disgrace to be beaten by Andover or Exeter. Next among the harmful influences must be classed the Faculty, for during the last vacation they invited the heads of these same "Prep." schools to visit Technology, and those who came were entertained by our professors. Truly, the Faculty must be looked after. A worse offender than either the Football team or the Faculty is the Corporation of the Institute; for they encourage men from the "Prep." schools to enter Technology, and such has been their influence that a majority of Tech. men come from these schools. What a great institution Technology must be to have thrived under all these harmful influences!

But let us look at the question from another side. Which is more harmful to Technology, to take an interest in the "Prep." schools and patronize an interscholastic drill, or to do as your correspondent boasts that the Class of '99 did, and haughtily reject the well-meant offers of the ablest fellows of the schools from which nearly half her men came the year before? If courtesy and consideration are harmful to Technology, then '02 is a worse class than '99.

FREDERICK H. HUNTER, '02.

#### The Clock in Rogers.

O clock, you long have stood in state, And never moved your hands, Which ever point to quarter of eight, Not caring how time stands.

At last, O clock, you had to go, And in your well-known place A clock electric, which will move Its hands around its face.

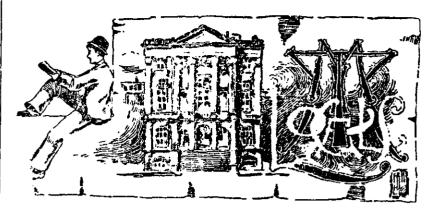
O clock, we'll miss your quiet calm, Your air of sweet repose, But we'll not think the change a harm When your successor goes.

FREDERICK H HUNTER, '02.

- "I conclude that's a fly," said the young trout.
- "You are right, my dear," said its mother, but never jump at conclusions."—Ex.

I wanted to start a magazine,
And spoke of it to my dad,
And after hearing what he said,
I thought I really had.

-Yale Record.



The 1902 Class Dinner will be held at Young's Hotel on March 24th, at 7 o'clock. Tickets for the dinner may be obtained from the Dinner Committee.

J. B. Stearns, A. W. McCrea, H. H. Hewitt, A. J. Hale, L. B. Abbott, have received mention in the fourth-year problem, a design for a Golf Club.

A squad is being formed from the Freshman Battalion to give an exhibition of the Butt Physical Drill at the next public drill. All men over five feet six inches in height who wish to join are requested to report to Captain Hervey.

The mentions in the fifth-year problem, a design for a large lecture hall and several small ones for the Boston Athenæum, are as follows: G. P. Stevens and A. H. Cox. The latter also received honors for his rendering of a sketch problem.

On Monday evening, March 13th, the members of Die Gesellschaft formed a pleasant party at the Dudley Street Opera House, where the Deutsche Theatre Gesellschaft gave an excellent production of the new German play "I'm Weissen Röss'l."

At a meeting of the Walker Club on March 17th, it was voted to reconsider the former decision of the Club to give the receipts of the play to the Athletic Association, and on the motion of J. B. Laws, 'o1, Manager of the Minstrel Show, it was decided to give the profits toward the new gymnasium.

The sale of seats for the Junior Week Theatricals of the Walker Club begins Monday,

April 10th, in Rogers Corridor. Applications by mail or through the "Cage" will be received until April 7th. Seats will be assigned in order of application. Blanks may be obtained at the "Cage."

The formal exhibition battalion drill will be held about the first of May, and shortly after this drill the major of the battalion will be appointed. The Junior company will drill against the Freshman at this exhibition.

A meeting of the Society of Arts will be held at the Institute on Thursday, March 23d, 1899, at 8 P. M. Francis R. Hart, F.R.G.S., President of the Cartagena-Magdalena Railway Co., will read a paper, illustrated by stereopticon, on "An American Railway in Colombia." All persons interested are invited to be present.

The many friends of Albert W. Tucker, '98, will be pleased to learn of his good fortune in securing a good position at the Union Mine, Gold Hill, N. C. Mr. Tucker, who has been an assistant in the Mining Laboratory here at the Institute, left last Tuesday night for the Union Mine, where he will have charge of the assay office.

The dinner and theatre-party of the Chicago Club will be given on next Saturday evening, April 1st. All members who enjoy a good time, at a cost below \$1.50 apiece, are urged to leave their names, before next Tuesday, with any of the following men (or at the Cage): F. D. Chase, 'oo; H. C. Morriss, 'oo; H. L. Walker, 'oo; J. R. Brownell, 'oo; P. R. Brooks, 'oo, or H. E. Osgood, 'oo.

On Thursday afternoon, March 16th, Dr. George T. Dippold gave the members of Die Gesellschaft a superb address on Bismarck. While Bismarck's parliamentary career formed the basis of the lecture, yet the background was filled with a wealth of historical description and witty anecdote. After the

address a number of slides were shown, dealing with Bismarck and the period of the Franco-Prussian War.

#### Technology Calendar.

Thursday, March 23.—Rehearsal of the Minstrel Show, Huntington Hall, at 4 P. M. '99 Election, Rogers Corridor, 8.30 A. M. to 4.30 P. M.

Friday, March 24.—Meeting Y. M. C. A., 4.10 P. M., 11 Rogers. Freshman Dinner, Young's Hotel, at 7 P. M

Saturday, March 25.—Annual Cross-country Run, start 2.30 P. M. from "Gym." Tournament of Chess Club with Phillips-Andover Academy; train leaves North Union Station 12.15 P. M.

#### AN ELECTROSTATIC PAIR.

He was the gallant engineer
Of a giant dynamo;
She sang to the wires the whole day long
With a chorus of "Hello!"

He loved this telephonic maid, Till his heart's vibrating plate Was magnetized and polarized At a milliamperic rate.

His love he well expressed in ohms
And amperes, or even in volts;
In voltaic phrases and dynamo figures,
Or currents, arc lights, and volts.

Said he: "By the great broken circuit, Or more, by the Ruhmkorff coil, Your negative answers will drive me To some subway under the soil.

"Not a spark of inductive affection, Not a positive 'Yes' have I had; I'm afraid the wires have grounded In favor of some other lad."

Then regret, like a galvanometer, Or an astatic needle, it smote her, And she said: "Of love I have ions As strong as an Edison motor."

So he opened the circuit and clasped her In arm-ature, and held her there; And she was the belle electric Of this thermo-electric pair.

-Chicago Tribune.

- "That fellow just told me a touching tale."
- "Who is he?"
- "A pickpocket."—Wrinkle.

#### Mass Meeting of the Athletic Association.

At the last meeting of the Executive Committee a sub-committee, consisting of Hall, 'oo, Winslow, '99, and Murray, 'oɪ, was appointed to arrange for a mass meeting of the students in Huntington Hall on Wednesday, March 22d. The Committee worked hard, and a splendid collection of banners and prizes won by Tech. teams and individual men has been displayed in the Rogers corridor since Monday.

The work of the Committee brought about good results, and President McMasters, of the Athletic Association, called to order about three hundred students. He stated that the object of the meeting was to acquaint the student body with the condition of the Athletic Association financially, and with the means by which it is proposed to put the Association on its feet, and called on Treasurer R. B. Murray for a report. Murray stated that the Association had an out-standing debt of \$198, and a cash balance of \$50. He said that about \$150 would be needed to pay the spring expenses of the Track team, including coaches, trainers, and the Worcester trip, making about \$300 which must be raised by the Association.

President McMasters then introduced as a loyal alumnus Mr. C.-E. A. Winslow, '98.

Mr. Winslow prefaced his remarks by a story which created much amusement, of the effect of athletic training on college men in general, and Tech. men in particular. He spoke of the growing interest in undergraduate affairs among the alumni, and stated that while five years ago the alumni seemed indifferent to undergraduate achievements, to-day they are actively at work trying to raise the funds for a splendid gymnasium. He praised especially the work of Secretary H. W. Tyler in this direction, and the loyalty of Major F. H. Briggs, '81, for the active interest he is taking in undergraduate life. He said, however, that there was a great

danger that more interest would be taken among the alumni in college life than in the student body itself, and urged upon the students the necessity of increasing their interest in Institute affairs.

President McMasters then introduced, as a loyal friend of the students, Prof. Davis R. Dewey of the Faculty. Professor Dewey confessed ignorance of athletic games, but recognized the value of athletic life, and urged the students to support the teams. He referred to the sympathy of General Walker for athletics, and told how encouraging a good attendance is upon matters of all kinds, saying that it made jumpers jump higher, and kickers kick better, and extending his remarks even to attendance at lectures.

Milton W. Hall was then introduced as manager of the Minstrel Show. Hall told of the preparations taking place to make the show a success, and asked for more candidates for the chorus and for the ballet, and said that he could report most encouraging prospects for a good show. He said that the ballet will be trained by the best ballet trainer in Boston; and all of the parts will be in competent hands. He stated that subscription blanks would be circulated among the students, thus enabling them to secure good seats before they were placed on public sale April 22d. He said that every seat sold will be a profit to the Athletic Association, and closed his remarks with a plea for a good attendance.

President McMasters then thanked the students for their attendance, and the meeting was adjourned.

THE BETTER PART OF VALOR.

He was a gallant, brave and bold, But he read women well; "He never told his love," because He knew his love would tell.



- '95. Mr. George F. C. Merriss, I., died in Washington, D. C., last week. He was filling a position in the United States Geological Survey, of the department of the interior.
- '97. Elwell Kimball is employed as draughtsman at the New England Construction Company Works at Everett, Mass.
- '98. Martin Boyle is chief chemist of the Towle Manufacturing Co. at Newburyport, Mass.
- '98. Mr. H. L. Currier, II., is an apprentice at the Wm. Cramp Ship & Engine Building Co. of Philadelphia, Pa.
- '98. Mr. George Hutchinson, II., is receiving from the Montana Mining Corporation of Boston a year's post-graduate work in a large machine shop in Milwaukee, after which he hopes to be located in Butte, Mont.
- '98. Mr. Paul F. Johnson, II., is in charge of the City Hall Tower Clock of Philadelphia, which is in process of construction.
- '98. Mr. 'T. B. Perry is draughting for the American Machine Company of Pawtucket, R. I.
- '98. Mr. Horace R. Thayer, I., is a draughtsman in the department of Yards and Docks at the Navy Yard in Portsmouth, N. H.
- '98. W. G. Zimmerman, II., is with the Illinois Central R. R., and is located in Chicago.
- '99. Godfrey L. Smith, XIII., has withdrawn from the Institute, and has accepted a position as draughtsman with the Newport News Ship Building Co.

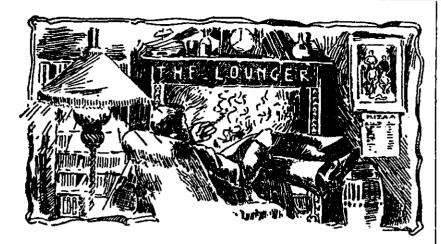


There has been considerable misunderstanding as to who is the Manager of the 1902 Baseball nine. The position is held by Mr. C. A. Sawyer, Jr., '02.

The Committee on the new Gymnasium has been appointed as follows: Robert H. Richards, '68, Thomas Hibbard, '75, Harry W. Tyler, '84, Everett Morss, '85, William D. Thurber, '89, Edward Cunningham, '91, Albert F. Bemis, '93, Benjamin Hurd, '96.

The Advisory Council on Athletics held a meeting last Thursday. The Athletic Association was empowered under certain limits to make arrangements with Brown and Amherst for dual meets. To secure more uniformity, hereafter Mr. Briggs, President of the Council, will furnish T's to those men who win them. The designs will probably be different for the Football and Athletic Associations. There was some talk about a trainer for the Track team, but nothing definite was decided. Next meeting will be held March 30th.

Garrett, '01, ran on the Cambridgeport "Gym." team in a relay race against the 12th Regiment team at the latter's indoor games in New York on Thursday evening, and met with a curious accident. Jennings, of Cambridgeport, ran third, and finished on even terms with his man, after having cut down As Jennings touched a good-sized lead. Garrett's hand the latter slipped, and Jennings, exhausted by his run, fell on top of him, and by the time the Cambridge men had extricated themselves, Waters, for the 12th Regiment, was half a lap away. Garrett made a good try for his man and cut down the lead considerably, but was unable to catch him.



THE remarkable efficiency and unqualified success of a certain employment bureau, under the management of a gentleman orthodoxically represented as having very notable phrenological developments upon either side of his forehead, and a caudal appendage having more or less in common with the trident of Neptune, in finding positions for the otherwise unemployed is so generally known as to have become proverbial. It is rare indeed, however, to find attendants (the Lounger has advisedly avoided the more usual and customary word "students") of the Institute, and especially Seniors, among the beneficiaries of this establishment. Consequently it is with no inconsiderable surprise that the Lounger has heard of the doings of some of his friends,—the architects. Supplied in most respects with all that could be desired in the way of quarters in the new Pierce Building. equipped with all the latest and most modern conveniences, one important detail was unfortunately overlooked by those in charge of the course, and little or no work was provided to occupy their time and attention. Can it be wondered, then, that thus unprovided for they should have recourse to pitched battles with modelling clay, or the gentle and harmless amusement of emptying the contents of the fire buckets upon the unwary climbers of the stairway below them? Truly, boys must be boys, and the Lounger has not the heart to deal harshly with these lords of creation, whom, secure as they have been in their lives of ease and luxury, he has been wont to regard as gentlemen after his own mind.

The Lounger has recently discovered that there is on foot a commotion of no small dimensions. The large supplies of ink and paper brought into the office, the frequent posters exhibited in the corridor to admiring crowds of excited spectators, the unusual activity at the armory due to extra drills, and last, but by no means least, the serving of "army beef" by special

request in the lunch room, all point to but one result -the battle between Seniors and Freshmen is on, and the dogs of war are unloosed! The strife promises to be fierce and sanguinary, and even the Lounger hesitates to predict the result. All this and more has been aroused by the stone recently metaphorically hurled in the column of Communications at the success of the Lounger's friends, the Freshmen, in gathering together representatives of perhaps future Freshmen, and after allowing them to compete vigorously with each other by way of preparation, stepping in as a body and showing them how it should be done. The objections of the Seniors to such missionary work (if it may be called such) may be found in the communication referred to, the opinions of those most intimately concerned may be seen in the present issue, while the idea prevalent among the Juniors in regard to the entire matter may be inferred from the fact that they are forming a battalion themselves, that the Freshmen need not seek foreign fields for suitable subjects in need of instructions. The Sophomores, too, are by no means lacking in ideas of their own as to what should and what should not be, and only the most strenuous efforts on the part of the Lounger have been able to prevent a considerable disturbance. The affair is by no means settled as yet, however, and even now the Lounger can hear in the distance the rumbling of the thunder, and even feel in his imagination the first raindrops of the approaching outburst.

#### A WARNING.

Should the professor chance to jest,
Laughter convulses all the class;
'Tis well to pay attention lest
Should the professor chance to jest
You laugh too late, and all your zest
Be counted down as simple brass.
Should the professor chance to jest,
Laughter convulses all the class.

- Vale Record.

#### A QUESTION OF TITLE.

An old maiden lady called Mame
Once said, "Now I call it a shame,
I can't count all my beaux
On my fingers and toes
And yet I can't get a new name."

-- Widow. .

A Buck Dance—A Military Hop.—The Widow.

## TURNER, TAILOF

252 Boylston St.

DISCOUNTS TO TECH. STUDENTS

POPULAR PRICES.

FIT, STYLE, AND MATERIALS FULLY GUARANTEED.

Lowest School Rates to Tech. Students.

#### The Notman Photographic Co.,

384 Boylston St., and 3 Park St.

SPECIAL ATTENTION CALLED TO OUR

NEW **PLATINUM** PRINTS.

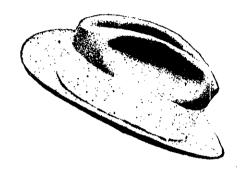
Entire Satisfaction Guaranteed.

Call and See Specimens. | (Fac simile)

#### HALL & HANCOCK,

Novelties in





Canes, Umbrellas, Hat Cases and Gloves.

407 WASHINGTON STREET.

MEMBERS OF THE CO-OP.

United States Naval Force on Asiatic Station.

> FLAGSHIP OLYMPIA, Manila, P. I.,

> > September 13, 1898.

A. F. NATHAN, Esq., Manager,

> Schwarzchild & Sulzberger Co., Kansas City, Mo.

Dear Sir:

I beg to acknowledge the receipt of the box of your excellent hams and breakfast bacon you kindly sent.

Please accept my thanks and those of my officers for your gift and good wishes.

Very sincerely,

(Signed) Aug Daney



146 Tremont Street, Boston.

Delicious

Bon-Bons and Chocolates.

#### The Official Tech Pin.

Gold, \$2.50; Gold Plated on Silver, \$1.00; Silver, 75 cents.

#### HENRY GUILD & SON,

Manufacturers of Hammer and Tongs, and other Society Pins, 433 Washington St., cor. Winter St., Boston.

ESTABLISHED 1843.

INCORPORATED 1895.

#### "STUDENTS," ATTENTION!

Largest Stock and Lowest Prices on

#### MATHEMATICAL INSTRUMENTS

and Drawing Materials of all kinds. Picture Framing a Specialty.

#### FROST & ADAMS COMPANY,

Importers and Wholesale Dealers,

"Special Rates to Colleges."
New Illustrated Catalogue Free.

37 Cornhill, Boston.

#### Students Will Find

SUPERIOR

Drafting Instruments,
Drawing and Blue Process Papers,
Scales, Triangles, Curves,
T Squares, Colors, etc.,

AT THE MANUFACTURERS.

### Wadsworth, Howland & Co.,

INCORPORATED,

218 CLARENDON STREET.

Main Office: 82 & 84 Washington St., Boston.
Factories: Malden, Mass.

SPECIAL RATES TO STUDENTS.

#### B. BERNSTEIN, Hairdressing Room,

368 Columbus Avenue, BOSTON.

## THE BRUNSWICK,

BOSTON.

Boylston and Glarendon Streets,

(Adjoining Copley Square)

Near the Museum of Fine Arts, New Public Library, New Old South Church, and opposite Trinity (Phillips Brooks') Church, and Institute of Technology.

## KEPT ON BOTH AMERICAN AND EUROPEAN PLANS.

BARNES & DUNKLEE, Proprietors II. H. BARNES, Manager.



"TIGER."

"TIGRESS."

#### IMPERIAL.

When you Buy a WHEEL, you always want the Best!

That is why this interests you.

#### We Sell the "TIGER."

The price is \$50.00. You can't do better.

#### MORE POINTS OF INTEREST.

We carry the standard line of Sporting Goods.

#### SPALDING'S

BASE BALLS AND TENNIS SUPPLIES.

We want your business. Call and see us.

#### J. B. HUNTER & CO.,

60 Summer Street, BOSTON.



#### College Engraving A Specialty.

All students should have our Fine Writing Paper and Envelopes,

#### BOSTON BOND, BOSTON LINEN 🗫 BUNKER HILL

on their desks. They are very popular and reasonable in price.

## WARD'S

#### SAMUEL WARD COMPANY, Manufacturing Stationers,

49 Franklin St., Boston.



BENT & BUSH,

387 Washington St.,

BOSTON

#### YOU CAN BUY

## "THE TECH."

AT

MACLACHLAN'S



## The Technology Review.

A GRADUATE'S MAGAZINE devoted to the interests of the MASSACHUSETTS INSTITUTE OF TECHNOLOGY, and published four times a year by the Association of Class Secretaries, at 71 Newbury Street, Boston. Price, one dollar a year; single copies thirty-five cents.

\_HATS.\_

.. Golf and Eaton Caps a Specialty

GEO. L. GRIFFIN & SON,

Ten Per cent Discount to Tech. Students.

404 Washington Street, Boston.

#### The Dartmouth Laundry

STYLISH HEAD-WEAR FOR SPRING.

SATISFACTION GUARANTEED

SEND US A

STUDENTS' WORK A SPECIALTY.

DISCOUNT TO MEMBERS



WORK CALLED FOR AND DELIVERED.

GEO. M. CARRUTHERS, Agent.

721 Tremont Street.

TWO DOORS FROM CONCORD SQ.



Week beginning March 27, 1899.

Tremont Theatre. — "A Runaway Girl" will be continued for another week. It had a run of over 200 nights in New York, and is without doubt the best light opera that has been in Boston this season.

**Keith's Theatre.**—Vaudeville, and a very fine lot of theatrical artists. It should not be missed this week.

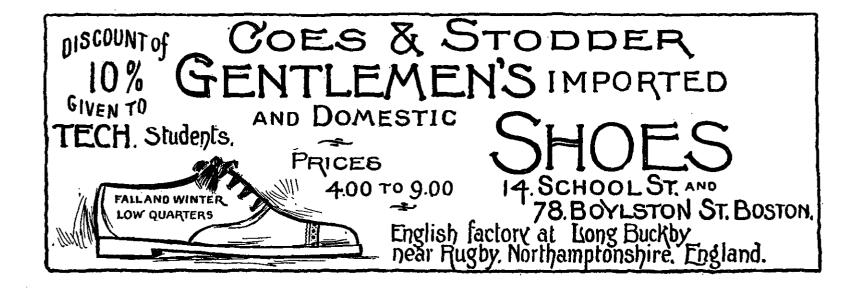
**Boston Museum.**—"The Christian" will continue to be produced by Viola Allen. In this play Miss Allen takes the part of Glory Quayle. This play is one of the greatest ever produced.

Boston Theatre. — The Grand Opera will run for two weeks. The first week, "Lohengrin," "Tannhauser," "Les Huguenots," "Romeo et Juliette," and "Faust" will be given. Matinees Wednesday and Saturday.

Park Theatre.— The funny farce that is worth seeing, "Brown's in Town," will be produced by a good company, including Belle Davis, the great delineator of coon songs.

Hollis Street Theatre.—Miss Olga Nethersole will commence a two weeks' engagement commencing March 27th. The first week she will only play "The Second Mrs. Tanqueray," which was written especially for her. Miss Nethersole is well known in Boston, and her engagement is sure to be successful.

Castle Square Theatre. —"The Prodigal Daughter" continues for another week.



THE

### Henry F. Miller Planos

Are built for buyers who consider quality more than price.

PIANOS FOR RENT,

Warerooms, 88 BOYLSTON STREET.

President, T. E. TALLMADGE, '98. Vice Pres. and Bus. Mangr., G. C. WINSLOW, '99.

#### M. I. T. CO-OPERATIVE SOCIETY.

Managed by students of M. I. T.

Proceeds devoted to scholarships.

#### The Co-operative Supply Rooms

Handle a full line of Drawing Materials and Text-Books at low prices.

A Co-operative Society Membership Ticket entitles the owner to discounts on goods bought from any of the tradesmen in the Society's Handbook.

## Scientific Books }

DAMRELL & UPHAM,
The Old Corner Bookstore
283 Washington St., Boston.

#### E. O. SABINE, Ladies' and Gents' Dining Room

21 MEAL TICKET, \$5.00.

Nos. 202 and 204 Dartmouth Street.

#### W. PRESTON HEALE,

361 A Columbus Ave.,

Jeweler.

Watches Repaired.

#### WATERMAN'S TO EAL

Buy your Waterman of

C. M. LEWIS, '99, III...

Complete line always on hand.

#### THE CEA COLL O'BRIEN BROS.

THE SEA GRILL. O'BRIEN. Proprietors.

The first place of the kind in America. Only that which lives in the sea....

FISH, CLAMS, OYSTERS, AND LOBSTERS,

Cooked and served as they never were before in hotel or restaurant in Boston. BROILED LIVE LOBSTER......

216 BOYLSTON STREET, THROUGH TO 54 PARK SQUARE.

## L. P. HOLLANDER & CO., Fine Ready-Made Clothing.

Everything shown by us is Our Own Make from Imported Materials.

COVERT COATS, Correct Cloths, Stylish Cut, \$20.00 upward. SACK SUITS, Tweeds and Homespuns, \$18.00 upward. MACKINTOSHES, Largest Variety in Boston, \$5.00 to \$26.00.

#### Hat Department.

All the Latest Shapes in Derbies and Soft Felts.

10 Per Cent Discount to Members of Co-operative Society.

212 BOYLSTON STREET, AND PARK SQUARE, BOSTON.

## Union Gymnasium

48 BOYLSTON ST (near Tremont).

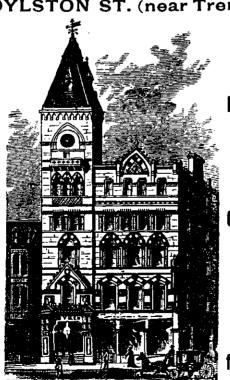
PRACTICAL.

Complete Modern

Apparatus.

Popular Classes.

Terms, \$5 and \$8 per Year.



POPULAR.

Extra Large Lockers.

Competent Instructors.

No Extra
Charge
for Instruction

#### BOSTON YOUNG MEN'S CHRISTIAN UNION.

WM. H. BALDWIN, Pres.

GEORGE PEIRCE, Sec'y.



TELEPHONE, 101 BACK BAY.

The Thorndike Florists.

Florists and Decorators.

Table Decorations a Specialty.

230 BOYLSTON STREET.

Adjoining Hotel Thorndike.

## SPRING OPENING.

OF

The Latest Styles and Novelties.

## A. H. MATZ & CO.

Merchant Tailors,

347 Columbus Ave., BOSTON.

Special Discount to Students.

REPAIRING AND PRESSING NEATLY DONE.



## J. C. LITTLEFIELD, Tailor and Outfitter,

Removed to Large Store,



I can offer you a more complete assortment than can be seen elsewhere, and at lower prices for the same qualities. Look in and examine my prices before placing your order.

Golf Breeches, Riding Breeches, and Dress Suits a Specialty.

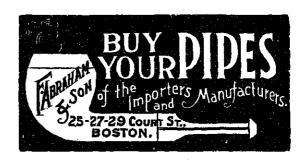
DISCOUNT TO STUDENTS.

All Goods Required by Students at

#### ·MACLACHLAN'S·

214 CLARENDON STREET.

Drawing Instruments and Materials, etc. Fountain Pens, Text-Books.



Class and Monogram Pipes Our Specialty.

SPECIAL RATES TO M. I. T. STUDENTS.

\*\*\*

Class Rate 1898-99.

Crown Photograph—Carbonette Finish...

FIRST DOZEN, \$3.00 ADDITIONAL DOZENS AT \$2.00

FOUR DOZEN (50) PICTURES ORDERED AT ONE TIME, \$8.00

EIGHT DOZEN (100) PICTURES ORDERED AT ONE TIME, \$12.00

With each lot of four dozen two finished proofs allowed. With each lot of eight dozen four finished proofs allowed. Each extra position finished for fifty cents each....

Ten extra pictures given free with every order for 50...

Fifteen extra pictures given free with every order for 100.



The Leading Photographer.

21 WEST STREET, BOSTON.

